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1 [Proceedings of the 2002 ACM workshop on XML security](#)[Michiharu Kudo](#)
 November 2002 **XMLSEC '02**: Proceedings of the 2002 ACM workshop on XML security  
**Publisher**: ACM

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These proceedings contain the papers selected for presentation at the ACM Workshop held in conjunction with the 9th ACM Computer and Communications Security Conference, 22, 2002, in Washington, DC (USA). In response to the call ...

2 [An access control framework for business processes for web services](#)[Hristo Koshutanski](#), [Fabio Massacci](#)
 October 2003 **XMLSEC '03**: Proceedings of the 2003 ACM workshop on XML security

**Publisher**: ACM [Request Permissions](#)

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Business Processes for Web Services are the new paradigm for the lightweight integration from different enterprises. Whereas the security and access control policies for basic distributed systems are well studied and almost ...

**Keywords**: controlled disclosure, distributed systems security, e-business, interactive security management, web services

3 [Dynamically authorized role-based access control for secure distributed compute](#)[C. Joncheng Kuo](#), [Polar Humenn](#)
 November 2002 **XMLSEC '02**: Proceedings of the 2002 ACM workshop on XML security

**Publisher**: ACM [Request Permissions](#)

 Full text available: [Pdf](#) (171.18 KB)

[Additional Information](#): [full citation](#), [abstract](#), [references](#), [index](#)
**Bibliometrics**: Downloads (6 Weeks): 5, Downloads (12 Months): 48, Citation Count: 0

This paper presents a mechanism for using the Object Management Group's Common Interoperability Version 2 (CSiV2), Authorization Token Layer Acquisition Service (AT) security standards such as Security Assertion Markup Language (SAML) ...

**Keywords**: CORBA, Role-based access control, XML-based security assertions, attribute authorization domain

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September 2002 **netWorker**, Volume 6 Issue 3**Publisher:** ACM Request PermissionsFull text available: HTML (22.32 KB), PDF (122.27 KB) Additional Information: [full citation](#), [abstract](#), [index](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 43, Citation Count: 0

Ever since the concept of "Web services" was defined, there have been questions about Early specifications for Web services paid little attention to security, other than to not going to be an issue someday. Depending ...

## 5 Joint Policy Management and Auditing in Virtual Organizations

Timothy J. Smith, Lavanya Ramakrishnan

November 2003 **GRID '03: Proceedings of the 4th International Workshop on Grid Comp****Publisher:** IEEE Computer Society

Full text available: PDF (161.88 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 26, Citation Count: 2

A major problem facing organizations using grid-computing models is the reluctance to multi-organizational collaborative environments due to security concerns, such as unauthorized and fair resource usage. The Joint control of Virtual ...

## 6 Secure authentication system for public WLAN roaming



Yasuhiko Matsunaga, Ana Sanz Merino, Takashi Suzuki, Randy H. Katz

September 2003 **WMASH '03: Proceedings of the 1st ACM international workshop on Wireless applications and services on WLAN hotspots****Publisher:** ACM Request Permissions

Full text available: PDF (248.60 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 112, Citation Count: 6

A serious impediment for seamless roaming between independent wireless LANs (WLANs) confederate the various WLAN service providers, each having different trust relations with individuals and each supporting their own authentication ...

**Keywords:** authentication, hotspot, link layer security, policy control, roaming, single LAN

## 7 Interoperable Web services for computational portals

Marlon Pierce, Geoffrey Fox, Choonhan Youn, Steve Mock, Kurt Mueller, Ozgur Balsoy

November 2002 **Supercomputing '02: Proceedings of the 2002 ACM/IEEE conference on****Publisher:** IEEE Computer Society Press

Full text available: PDF (278.00 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 73, Citation Count: 8

Computational web portals are designed to simplify access to diverse sets of high performance computing resources, typically through an interface to computational Grid tools. An important shortcoming of these portals is their lack of interoperable and ...

## 8 Certificate validation service using XKMS for computational grid



Namje Park, Kiyoung Moon, Sungwon Sohn

October 2003 **XMLSEC '03: Proceedings of the 2003 ACM workshop on XML security****Publisher:** ACM Request Permissions

Full text available: PDF (7.01 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 62, Citation Count: 1

A computational grid is a hardware and software infrastructure capable of providing consistent, pervasive, and inexpensive access to high-end computational resource. There are many ways to access the resources of a computational grid, each ...

**Keywords:** GSI, XKMS, XML, XML security, certificate validation, grid, key management

## 9 [Designing a distributed access control processor for network services on the Web](#)



Reiner Kraft

November 2002 **XMLSEC '02**: Proceedings of the 2002 ACM workshop on XML security

**Publisher:** ACM [Request Permissions](#)

Full text available: [PDF \(301.14 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited](#)

**Bibliometrics:** Downloads (6 Weeks): 19, Downloads (12 Months): 166, Citation Count: 4

The service oriented architecture (SOA) is gaining more momentum with the advent of the Web. A programmable and machine accessible Web is the vision of many, and steps towards the semantic Web. However, security is ...

**Keywords:** Web services, XML, access control, security

## 10 [An XACML-based Policy Management and Authorization Service for Globus Resource](#)

Markus Lorch, Dennis Kafura, Sumit Shah

November 2003 **GRID '03**: Proceedings of the 4th International Workshop on Grid Computing

**Publisher:** IEEE Computer Society

Full text available: [PDF \(94.24 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 32, Citation Count: 3

In this paper we describe our approach to a policy management system and a policy enforcement point which is integrated into the Globus Toolkit middleware. Our system enables the modification of resource policies by administrative parties ...

## 11 [Virtual enterprise access control requirements](#)

M. Coetzee, Jan H. P. Eloff

September 2003 **SAI CSIT '03**: Proceedings of the 2003 annual research conference of the institute of computer scientists and information technologists on Enabling technology

**Publisher:** South African Institute for Computer Scientists and Information Technologists

Full text available: [PDF \(126.63 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 89, Citation Count: 4

Current developments in IT point towards the formation of loosely coupled enterprise as virtual enterprises. These enterprises require both secure and flexible collaboration unrelated information systems. Web services technology ...

**Keywords:** B2B, SOAP, XML, access control, design, federation, management, roles, standardization, trust, virtual enterprises, web services

## 12 [Privacy in browser-based attribute exchange](#)



Birgit Pfitzmann, Michael Waldner

November 2002 **WPES '02**: Proceedings of the 2002 ACM workshop on Privacy in the Electronic Society

**Publisher:** ACM [Request Permissions](#)

Full text available: [PDF \(168.95 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 76, Citation Count: 4

Browser-based attribute-exchange protocols enable users of normal web browsers to attributes, such as authentication or demographic data, to web sites. Such protocols common and almost mandatory in general consumer ...

**Keywords:** BBAE, Liberty, Passport, SAML, Shibboleth, attribute-exchange, e-Comm Signon, identity management, privacy, roles, security, single signon, traffic data, wal

### 13 Specifying conflict of interest assertions in WS-policy with Chinese wall security

 Patrick C. K. Hung, Guang-Sha Qiu

March 2003 **SI Gecom Exchanges** , Volume 4 Issue 1

**Publisher:** ACM

Full text available:  Pdf (270.12 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 48, Citation Count: 0

A Web service is defined as an autonomous unit of application logic that provides eitth functionality or information to other applications through an Internet connection. Web based on a set of XML standards such as Simple ...

**Keywords:** Chinese wall security policy, WS-policy, WS-policy attachment, conflict o delegation, matchmaking, security assertion, security policy, service locators

### 14 Implementing role based access control for federated information systems on the

Kerry Taylor, James Murty

January 2003 **ACSW Frontiers '03: Proceedings of the Australasian information se conference on ACSW frontiers 2003 - Volume 21** , Volume 21

**Publisher:** Australian Computer Society, Inc.

Full text available:  Pdf (217.89 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 109, Citation Count: 1

There is rapidly increasing interest in Australia in on-line sharing of information store databases, especially within and between staff of independent government agencies. collections databases and population health GIS are ...


**Keywords:** RBAC, federated databases

### 15 Optimistic fair contract signing for Web services

 Hiroshi Maruyama, Taiga Nakamura, Tony Hsieh

October 2003 **XMLSEC '03: Proceedings of the 2003 ACM workshop on XML security**

**Publisher:** ACM 

Full text available:  Pdf (120.24 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 29, Citation Count: 1

Reliable and atomic transactions are a key to successful e-Business interactions. Reli subsystems, such as IBM's MQ Series, or broker-based techniques have been traditio purpose. In this paper, we take a radically different ...

**Keywords:** Web services, fair contract signing, optimistic fair exchange

### 16 Certificate-based authorization policy in a PKI environment

 Mary R. Thompson, Abdellilah Essiari, Srilekha Mudumbar

November 2003 **Transactions on Information and System Security (TISSEC)** , Volum


**Publisher:** ACM 

Full text available:  Pdf (233.63 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 28, Downloads (12 Months): 253, Citation Count: 19


The major emphasis of public key infrastructure has been to provide a cryptographic of authenticating identities. However, procedures for authorizing the holders of these perform specific actions still need additional research ...

**Keywords:** Public key infrastructure, XML, digital certificates**17 Architectural components for the efficient design of mobile agent systems**



Marthin Schoeman, Elsabe Cloete

September 2003 **SAI CSIT '03**: Proceedings of the 2003 annual research conference of the institute of computer scientists and information technologists on Enabler technology**Publisher:** South African Institute for Computer Scientists and Information TechnologistsFull text available:  Pdf (136.00 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 210, Citation Count: 3

Over the past eighteen months, there has been a renewed interest in mobile agent to the continued exponential growth of Internet applications, the establishment of open these applications, as well as the semantic web developments. ...

**Keywords:** design, mobile agent systems, software architecture model, standardisation**18 Towards flexible credential verification in mobile ad-hoc networks** Sye Loong Keoh, Emil LupuOctober 2002 **POMC '02**: Proceedings of the second ACM international workshop on Principles of mobile computing**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (281.24 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 21, Citation Count: 3

Ad-hoc networks facilitate interconnectivity between mobile devices without the support infrastructure. In this paper we propose a flexible credential verification mechanism, likelihood that participants in an ad-hoc network ...

**Keywords:** authentication, credential verification, security, trust**19 Specifying conflict of interest in web services endpoint language (WSEL)** Patrick C. K. HungJune 2002 **SI Gecom Exchanges**, Volume 3 Issue 3**Publisher:** ACMFull text available:  Pdf (98.07 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 79, Citation Count: 2

A Web service is an autonomous unit of application logic that provides either some basic functionalities or information to other applications through an Internet connection. A contains a set of activities, and service locators assign ...

**Keywords:** conflict of interest, security risk factor, separation of duties, web service language



# UDDI and WSDL extensions for Web service: a security framework

Carlisle Adams, Sharon Boeyen

November 2002 **XMLSEC '02**: Proceedings of the 2002 ACM workshop on XML security

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (91.22 KB)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited review](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 117, Citation Count: 2

This paper outlines a framework for implementing security for Web Services by exten WSDL. The framework includes security of UDDI itself, security of Web services trans linkages with existing infrastructures outside UDDI. Extensions ...

**Keywords:** UDDI, WSDL, XML schema, security, standards

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